2003-1973

D/HACHEM DJAMEL

MECHDEN WAHIBA

2005-2004

بسم الله الرحمن الرحيم

﴿80﴾

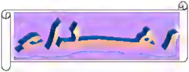
﴿71﴾

﴿72﴾

شكر

[illegible]

[illegible] IAP [illegible] UNC [illegible] CERIST [illegible]



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IV .... [illegible]

V .... [illegible]

D .... [illegible]

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- 3 .... [illegible]
- 12 .... [illegible]
- 17 .... [illegible]
- 25 .... [illegible]

28 .... (1980-1979) [illegible] (1974-1973) [illegible]

- 29 .... [illegible]
- 34 .... 1973 [illegible]
- 46 .... [illegible] OPEP [illegible]

51 .... (1982-1973) [illegible]

- 51 .... [illegible]
- [illegible]
- 58 .... [illegible]
- 63 .... [illegible]

67 .... [illegible]
72 .... [illegible]

[illegible]

[illegible]

(2003- 1986) [illegible]

74 .... [illegible]
75 .... [illegible] 1986 [illegible]

75 .... 1973 [illegible]
78 .... [illegible]
81 .... OPEP [illegible]
85 .... (1988-1983) [illegible]

[illegible]
89 .... (2001 - 1990) [illegible]

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98 .... [illegible] 1998 [illegible]
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118 .... [illegible]
[illegible]
118 .... [illegible]
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130 .... [illegible]
133 .... [illegible]

143 .... [illegible]

[illegible]

[illegible]

145 .... [illegible]

146 .... [illegible]

146 .... [illegible] ▪

148 .... [illegible] ▪

154 .... [illegible] ▪

163 .... [illegible]

163 .... [illegible] ▪

166 .... [illegible] ▪

[illegible] OPEP [illegible] ▪

173 .... [illegible]

181 .... [illegible] ▪

189 .... [illegible]

189 .... [illegible] ▪

196 .... [illegible] ▪

201 .... [illegible] ▪

212 .... [illegible]

214 .... [illegible]

217 .... [illegible]

220 .... [illegible]

22. .... [illegible]

[illegible]

[illegible]	[illegible]
[illegible] Organization Of The Petroleum Exportings Countries (OPEC) Organisation Des Pays Exportsteurs De Petrole (OPEP)	OPEP
[illegible]	OCDE
[illegible]	OPAEP
[illegible]	AIE
[illegible]	OMC
[illegible]	GATT
[illegible]	FMI
[illegible] 159 [illegible]	BARREL/[illegible]
[illegible] 28 [illegible]	[illegible]
[illegible]	[illegible]
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[illegible]	[illegible]
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OPEP [illegible]	OPEP + [illegible]
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[illegible] ([illegible]) Cost Insurance And Freight ([illegible]) Coût Assurance et Fret	CIF
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	الجداول	
11	.... [illegible] 2000	1/1
19	.... [illegible]	2/1
57	.... [illegible]	3/1
	الأشكال	
9	.... 1999 [illegible]	1/1
10	.... 2001 [illegible]	2/1
12	.... 1999 [illegible]	3/1
19	.... 1996 [illegible]	4/1
	المنحنيات	
47	.... 1982-1970 [illegible]	1/1
	[illegible] 2003-1986 [illegible]	[illegible]
	الجداول	
83	[illegible] .... (1985 - 1981) OCDE [illegible]	1/2
88	.... (1988 - 1982) [illegible]	2/2
92	.... 1990 [illegible]	3/2

93	[illegible] (1991 - 1987) [illegible]	4/2
95	[illegible]	5/2
96	[illegible]	6/2
97	[illegible] 2002-1990 [illegible]	7/2
	[illegible] 1989 [illegible]	8/2
98	[illegible] 2002 [illegible]	
99	[illegible]	9/2
102	[illegible] 1998 [illegible]	10/2
104	[illegible] 1998 [illegible]	11/2
109	[illegible] 1998 [illegible]	12/2
	[illegible]	13/2
113	[illegible] 2002-2001-2000	

الأشكال

87	[illegible]	1/2
101	[illegible] 1998 1994 [illegible]	2/2
105	[illegible] 1998 [illegible] OPEP [illegible]	3/2
110	[illegible] 1998 [illegible]	4/2

المنحنيات

85	[illegible] 1989 -1983 [illegible]	1/2
91	[illegible] 1991 – 1990 [illegible] OPEP [illegible]	2/2
99	[illegible] 1998 [illegible] OPEP [illegible]	3/2
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112	[illegible] 1994-1993 [illegible]	6/2
	[illegible]	[illegible]

الجداول

154	.. ..OMC [illegible]	1/3
159	. ... [illegible]	2/3
	[illegible]	3/3
160	. . ..[illegible]	
	[illegible]	4/3
161	.. . . 1996 / 12 / 31	
	[illegible]	5/3
162	.... [illegible]	
168	.... [illegible]	6/3
	OPEP [illegible] OPEP [illegible]	7/3
174	.... 2000 [illegible]	
184	... . 1991 [illegible]	8/3
201	....[illegible]	9/3
520	.... . [illegible]	10/3
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206	. . ..[illegible]	
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820	.... [illegible]	
	[illegible]	13/3
121	.. . . [illegible]	

الاشكال

167	. . .. [illegible]	1/3
170	. . 1995 [illegible] CO2 [illegible]	2/3
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170	.. ..2035 [illegible]	
	OPEP [illegible] OPEP [illegible]	4/3
175	. ...2000 [illegible]	
182	. . . . 1998 [illegible]	5/3
320	[illegible]	6/3
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[illegible]

[illegible]

[illegible]

[illegible] OPEP [illegible] 1

[illegible]

[illegible] 2

[illegible]

[illegible] 1960 [illegible] OPEP [illegible] 3

[illegible]

[illegible] 4

[illegible] 5

[illegible] 2003-1973 [illegible]

[illegible] 1

[illegible] 2

[illegible] 3

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1986 [illegible] 1986 [illegible] 2003 [illegible] 2 [illegible] 1990 [illegible] 1998 [illegible] 11 [illegible]

[illegible] OMC [illegible]

1982-1973

[illegible]

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.1974

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[illegible] Oleum [illegible] Petr [illegible]

[illegible]

471 [illegible] 1 [illegible]

[illegible] DPAKP [illegible]

Mohamed El Hocine Benissad Elements D'economie petroliere les hydrocarbures present et futur Economica paris 1981 p 7,8,9

1987 [illegible]

1.

1.2.1

1.2.2

[1] Jean charles Hubert Energie le grand tournant, Paris 1981, p. 75,76

1.2 [illegible] :

[illegible] :

1.3.1 [illegible] :

[illegible] 159 [illegible][1] BARREL [illegible] 28 [illegible] -
([illegible])

1.3.2 [illegible] :

[illegible] 1006

[illegible] 999

[illegible] 906

1.4 [illegible] :

1.4.1 [illegible] : [illegible] .

1.4.2 [illegible] : [illegible] .

1.4.3 [illegible] : [illegible] .

---

[1] [illegible] 1983 [illegible]

[illegible]

[illegible] -2

[illegible] -1.2

[illegible]

[illegible] :1.1.2

[illegible] :

[illegible]

[illegible]

[illegible] :2.1.2

[illegible]

[illegible] :3.1.2

[illegible]

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[illegible] :

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[illegible]

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[illegible] 3.2.2

[illegible] 4.2.2

[illegible] 3

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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23 [illegible] 1977 [illegible]

[illegible] 1998 [illegible]

[illegible]

[illegible] -4

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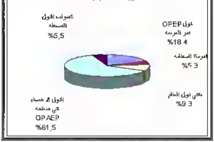
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[illegible]

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23 [illegible]

178 [illegible] 177 [illegible]


احتياطي البترول في العالم نهاية سنة 1999
كمنولث الدول المستقلة
%5,5
دول OPEP غير العربية
%18 4
أمريكا الشمالية
%5 3
باقي دول العالم
%9 3
الدول الأعضاء في منظمة OPAEP
%61,5

[illegible] 29 2 [illegible]
[illegible] 80 [illegible] 2 [illegible]

[illegible] 2.4

[illegible] 1.2.4

[illegible]

[illegible]
% 35 8 [illegible]

[illegible]
% 23 5 [illegible]

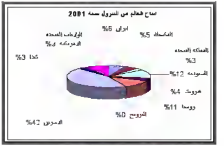
% 11 1 [illegible]

[illegible]

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327 [illegible]

2/1 [illegible]



[illegible] 100 [illegible] 2002 [illegible] 40

[illegible] -2.2.4

[illegible]

Guy Chambon : grands problemes Economiques Contemporaines, 4 eme Edition dallaz septembre 1988 p 127 - [1] [illegible]

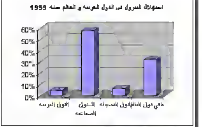
2000 [illegible] (1/1) [illegible]

[illegible]	[illegible]
7,84	[illegible]
4,31	[illegible]
3,11	[illegible]
2,66	[illegible]
2,59	[illegible]
2,18	[illegible]
2,09	[illegible]
2,05	[illegible]
1,86	[illegible]
1,44	[illegible]
1,29	[illegible]
1,22	[illegible]
1,06	[illegible]
0,72	[illegible]

42 [illegible] 2002 [illegible]

[illegible] 3.4

[illegible] 1992 [illegible] 1992 [illegible]



استهلاك البترول في الدول العربية و العالم سنة 1999
60%
50%
40%
30%
20%
10%
0%
الدول العربية
الدول الصناعية
الدول المتحولة
باقي دول العالم

[illegible] 2.1

[illegible]

[illegible]

[illegible] 50 [illegible] 90 [illegible] 2030 [illegible] 20) [illegible] 12

[illegible]

[illegible] 3 1

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 1924 [illegible]

[illegible] 3

[illegible]

[illegible] 1967 [illegible] 1956 [illegible] 1991 [illegible] 1980 [illegible] 1973 [illegible] 2003 [illegible]

[illegible] في المشرق

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 2 4

[illegible]

10000 [illegible]

[illegible] 3 4

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[illegible] 4 4

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[illegible]

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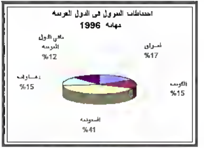
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[illegible] 5.2.1

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[illegible] 26 [illegible] 470 [illegible] 51 [illegible] 34 [illegible] 1000-500 [illegible]

4/1 [illegible]



17 [illegible] 1998 [illegible] 13-10 [illegible]

[illegible] (2/1) [illegible]

[illegible]	[illegible]	[illegible]
%25 9	261,20	[illegible]
%9,9	100	[illegible]
%9 7	98,10	[illegible]
%9 6	96,5	[illegible]
%8 8	89,30	[illegible]
%1,10	11,5	[illegible]

37 [illegible] 1366 [illegible] 2001 [illegible]

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: [illegible] 1.2.2

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[illegible]

[illegible]

111 [illegible] 1988 [illegible]

347 [illegible]

118 119 [illegible]

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1946 [illegible]
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1953 [illegible]
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[illegible] 13 6 [illegible] 1994 [illegible] 1962 [illegible] 1950 [illegible]
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160 [illegible]

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3.2 [illegible]

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3.3.2 [illegible]:

[illegible] 1964 [illegible]

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[1] [illegible]

[3] [illegible]

[illegible] : 4.3.2

1975 [illegible] 1970 [illegible]
[illegible] 1990 [illegible] 1978 [illegible]
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[illegible] : 5.3.2

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[illegible] 1994 [illegible]

[illegible] : 6.3.2

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[illegible] :

[illegible]
[illegible]

[2] [illegible] -

[illegible] -
[illegible]
[illegible] 20 [illegible]

2003 [illegible] 100 [illegible]
125 [illegible]
[illegible]

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60 [illegible] 1999 [illegible]

[illegible] 56 [illegible] 58 [illegible] 1977 - 1973 [illegible]
20 [illegible] 30 [illegible]

[illegible] 2

[illegible] 2 [illegible] 45 [illegible] 75 [illegible] 2 [illegible]

[illegible] 3

[illegible]

75 [illegible] 1973 [illegible]

[illegible]

[illegible] 4

[illegible]

[illegible]

197 [illegible]

(1980-1979) (1974-1973)

[illegible]

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(1) Chems Eddine Chitour La Politique et le nouvel ordre petrolier international edition dahlab 1995 p 254, 255

253

(2) CFP [illegible]

Standard oil of New Jersey

1972

Humble oil

Exxon corporation

Standard oil of California

TEXACO company

Gulf oil

MOBIL OIL

Standard oil of New York

BP

1.2

2.2

3.2

[2] BP, EXXON

Mana Said Al Otaiba L'Opep et L'Industrie Petroliere croom helm Londres 1978 p 21,22

3 [illegible]

3. [illegible] :[1]

[illegible]

1.1.3 [illegible]:

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2.1.3 [illegible]:

[illegible]

3.1.3 [illegible]

[illegible]

4.1.3 [illegible]

[illegible]

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[1] Mohamed El Hocine Benissad Element D'Economie petroliere paris 1981 p 29,30

Abd El Kader Sid Ahmed L'Opep Passe, Present Et Perspectives paris 1980 p 23, 24, 25

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[illegible] (%51) 1971 [illegible]

1983 [illegible] OPAEP [illegible]

: [illegible] 2.2.3

.1973 [illegible] 1971 [illegible]

: [illegible] 3.2.3

[illegible] 1973 [illegible]

: [illegible] 3

[illegible] 1975 [illegible]

: [illegible] 3

[illegible] 20 [illegible] .1976

[illegible]

1973

1960 OPEP - 1

CIF 1.1

GOLF PLUS

CIF [1] GOLF PLUS

: [2]

$$P_V = C_1 + P_m = F_{OM} + C_1$$

FOB = P_{m1}

= C_1

FOB = P_m

= C_2

CIF = P_V

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[1] MOHAMED IBRAHEM AL TWAIJRI ENGLISH- ARABIC DICTIONARY OF FINANCIAL TERMS RIYADH SAUDI ARABIA 1993 P 28 56

MOHAMED EL HOCINE BENISSAD Element d'economie petroliere paris 1983 p 13, 14

[2]

[illegible]

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204 [illegible]

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[illegible]

3.1 [illegible]

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[illegible] CIF [illegible] 1 75 2 [illegible] 2 65 [illegible] 2 75 [illegible]

[illegible] 1960 [illegible]

[illegible] 1960 [illegible] OPEP [illegible]

[illegible]

[illegible]

[illegible]

[illegible] CIF [illegible]

[illegible] 1959 [illegible] OPEP [illegible]

OPEP [illegible]

2. [illegible] OPEP:

[illegible] OPEP [illegible] 1960 [illegible] 10 [illegible] (1969) [illegible] (1967) [illegible] (1962) [illegible] (1961) [illegible] (1975)[2] [illegible] (1973) [illegible] (1971) [illegible] OPEP [illegible] 1995 [illegible] 1993 [illegible][4] [illegible] OPEP [illegible] 1962 [illegible] 2323 [illegible] OPEP [illegible] 3/4 [illegible] 3 [illegible]

[illegible]

[illegible]

[illegible]

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[1] ABD EL KADER SID AHMED : L'OPEP PASSE PRESENT ET PERSPECTIVES , PARIS, 1980 P 50

Chems Eddine Chitour : la Politique et le Nouvel ordre Petrolier international, Edition dahlab 1995 p 141

[2] [illegible] OPEP [illegible] 40 [illegible] 2000

[4] MANA SAID EL OTAIBA L'OPEP ET L'INDUSTRIE PETROLIERE CROOM HELM LONDRES 1978 P 79

2.2 [illegible] OPEP

1.2.2 [illegible]:

[illegible] OPEP [illegible] 1993 [illegible]

2.2.2 [illegible]:

[illegible]

3.2.2 [illegible]:

[illegible] 1961 [illegible] OPEP [illegible] OPEP [illegible] 1976

3.2 [illegible] OPEP:

- [illegible][2] [illegible]
- [illegible]

[1] [illegible] 1981 [illegible] 4.

[2] [illegible] OPEP [illegible] 2000 [illegible] 183.

:OPEP -4.2

: OPEP

Algeria's Saharan Blend
Indonesia's Minas
Nigeria's Bonny Light
Saudi Arabia's Light
Dubai
Venezela's Tiajuana
Mexico's Isthmus

:1970 1960 -3

1960 OPEP

1970

:OPEP 1.3

1960 OPEP

(1962)

3. [illegible]:

[illegible] 1964 [illegible] PEP [illegible]

[illegible][1] [illegible]

[illegible] 0 5 [illegible]

[illegible] 1966 [illegible] %6 5 ,1965 [illegible] %7 5 ,1964 [illegible] %8 5 [illegible]

[illegible]

3. [illegible] PEP [illegible] 1967:

[illegible]

[illegible] 1972 [illegible]

[illegible] 37 [illegible] 27 [illegible] 1975 [illegible]

[1] [illegible]

[illegible] 4.3:

[illegible] 30 [illegible] 1970 [illegible] %50 [illegible] %55 [illegible] %55 [illegible] 20 [illegible]

[illegible]

[illegible]

1969 [illegible] 1970 [illegible] % 8.5 [illegible]

[illegible]

. 1969 [illegible]

[illegible] 5.3 :1970

[illegible] OPEP [illegible] 1970 [illegible]

%55 [illegible]

[illegible]

- [illegible]

[illegible] OPEP [illegible] %20 [illegible] 1970 [illegible] 1960 [illegible] 1957 [illegible] %18 [illegible] 1948 [illegible]

4- [illegible] 1971-1973 :

[illegible]

1.4- [illegible] :

[illegible] (1971 [illegible] OPEP [illegible]

- [illegible] 52 [illegible] 35 [illegible]

- [illegible] %50 [illegible] %55 .

[illegible] %2 5 [illegible] 5 [illegible]

[illegible]

- [illegible] %25 [illegible]

[illegible]

[illegible] 2.4

[illegible] 1971 [illegible] 1972 [illegible] 1972 [illegible] 1973 [illegible] 1973 [illegible]

[illegible] 3.4

[illegible]

[illegible] 1971 [illegible] 1973 [illegible] 90 [illegible] 27 [illegible] 170 [illegible] 26 [illegible] 34 [illegible]

[illegible]

[illegible] -
% 25 [illegible]

:[illegible] 4.4

[illegible] 1973 [illegible]
[illegible]
[illegible]
[illegible]
[illegible] 1973/10/15 [illegible] %70 [illegible]
[illegible] OPEP [illegible]
[illegible] 5 119 [illegible] 3 011 [illegible] ,
.1974 [illegible] 1973 [illegible]

[illegible] 1973 [illegible]

.[illegible] 1973 [illegible]

[illegible] 1973 [illegible]
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[illegible]
. [illegible]

[illegible]
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76 [illegible] 1977

[illegible]
[illegible] .

[illegible]

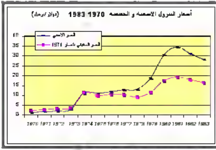
[illegible] -1

[illegible]
12 [illegible] 1973 [illegible] 4 [illegible]
[illegible] 1978 [illegible] 1974 [illegible] 1974 [illegible]
[illegible] 1979 [illegible]
32 [illegible] 13 [illegible] - [illegible]
[illegible]
[illegible] 1982 [illegible] 34 [illegible]
[illegible] 1974-1973 [illegible]
[illegible]
[illegible] 40 [illegible] 35 [illegible]
. 1983-1970 [illegible]

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19 [illegible] 1989 [illegible] 54 [illegible] 15 [illegible]
331 [illegible] 330 [illegible] 1998 [illegible]

1/1



... 1990 ... 372

... 100 = 1974

2 - OPEP ... (1982-1973)

... 1982-1973 ...

1.2 ...

... 1973 ... OPEP ... 20 ... 11 651 ... 7 ... 1974/1/1 ... 1977 ...

1977 ... 1974 ...

... 1965 ... 1967 ...

[illegible] 2

[illegible] 1974 [illegible]
[illegible]
[illegible] 1974/12/13 [illegible] OPEP [illegible]
[illegible] 10 [illegible] 22 [illegible]
[illegible]
[illegible] 22 [illegible]
[illegible] OPEP
[illegible]
OPEP [illegible] 1976 [illegible] 1975 [illegible]
[illegible] 1977 [illegible] 12 09 [illegible] 01 [illegible] 1976 [illegible]
%5 [illegible]
[illegible] 1977 [illegible] 1977 [illegible]
[illegible] 1977 [illegible]
[illegible].

[illegible] 2

[illegible] 1978 [illegible] 1977 [illegible] OPEP [illegible]
[illegible]
[illegible] 1978 [illegible]
[illegible] OPEP [illegible] 1979 [illegible] 14 5 [illegible]
[illegible]
%2 [illegible] 24 [illegible]

[illegible]

[illegible]

[illegible] .2

[illegible] 1978 [illegible] OPEP [illegible] 1979 [illegible] 18 [illegible] OPEP [illegible] 3 [illegible] 2 [illegible] 23 [illegible] 5 [illegible] OPEP [illegible]

[illegible] .2

[illegible] OPEP [illegible] 1980 [illegible] 1980 [illegible] 1978 [illegible] 3 [illegible] 1979 [illegible] 5 [illegible] 32 [illegible] 2 [illegible] 5 [illegible] OPEP [illegible] 1980 [illegible] 30 [illegible] 28 [illegible] OPEP 2 [illegible] 1980 [illegible] 36 [illegible] 32 [illegible]

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[illegible] 1981 [illegible] OPEP [illegible] 1981 [illegible] 1980 [illegible] 1981 [illegible] %10 [illegible] 500 [illegible] 5 1 25 [illegible] 32 [illegible] 1978 [illegible] 1982 [illegible] 34 [illegible] 5 [illegible] 2 [illegible] 1973 [illegible] 6 [illegible]

[illegible] OPEP [illegible] 10 [illegible] 4 [illegible] 2 [illegible] %16 [illegible] OPEP [illegible] 1981.

[illegible]

[illegible] 1973 [illegible] 1982 [illegible]

[illegible]

[illegible]

[illegible] 1 1

[illegible] [1] [illegible]

335 [illegible] 1998 [illegible]

[illegible] 95 [illegible] [1] [illegible]

[illegible] 2.1

[illegible] 1973 [illegible] 7 7 [illegible] 1970 [illegible] 6 [illegible] 1978 [illegible] 1977 [illegible] 5 9 [illegible] 1976 [illegible] 8 [illegible] 1975 [illegible] 38 2 [illegible] 6 9 [illegible] 7 [illegible] 1979 [illegible] 4 [illegible] 1981 [illegible] 1974 [illegible] OPEP [illegible] (4), (3) [illegible] 74 [illegible] 1982 [illegible] 79 [illegible] 75 [illegible] 1981 [illegible] 8 [illegible] 1982 [illegible] 1982 1981-1980 [illegible] % 40 8 [illegible] %86 6 [illegible] 1980 [illegible] 89 [illegible] 1981 [illegible] 4 [illegible] 1981 [illegible] 1982 [illegible]

220 [illegible]

71 [illegible] 1985 [illegible]

%3 [illegible] 8 [illegible] %11 [illegible] 17 [illegible] % 18 [illegible] 42 [illegible]

34 [illegible] 1986 [illegible]

[illegible] 3 1

[illegible]

[illegible]

[illegible] 40 [illegible] 1976 [illegible] 30.6 [illegible] 21.5 [illegible] 32 [illegible] 60 [illegible] 33.4 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 2

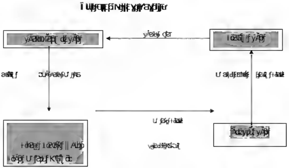
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[illegible] 3

[illegible] 1.3

[illegible]

[illegible] 139 [illegible] 1986 [illegible] 4 A3 [illegible] 12 [illegible]



3.3 [illegible] :

[illegible]

1.3.3 [illegible]

[illegible]

2.3.3 [illegible]

[illegible] 1976 [illegible] GODE [illegible]

3.3.3 - [illegible] :

[illegible] 1979 [illegible] 03 [illegible] 1973 [illegible] 26 [illegible] 17 [illegible] 25 [illegible]

4.3.3 - [illegible]

[illegible] OPEP [illegible] 30 [illegible]

[illegible]

[illegible]

[illegible] 3/1 [illegible]

[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	U.S.A	[illegible]	
%23	%37	%19	61.50	1974
%25	%20	%20	40.25	1975
%21	%28	%28	39.25	1976
%23	%27	%17	43.75	1977
%37	%15	%3	16.25	1978
%16	%43	%11	66.75	1979
%26	%28	%12	124.50	1980
%38	%5	%25	59.25	1981
			451.50	1981 74 [illegible]
			-3.00	1982
			-11.00	1983
			-1.25	[illegible] 1984
			436.25	1984 [illegible] 1974 [illegible]

141 [illegible] 1984 [illegible] 4 [illegible] 12 [illegible]

[illegible] 4

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 1

[illegible]

[illegible]

[illegible]

(1) JEAN MARIE LEBRETON LES RELATIONS INTERNATIONALES DEPUIS 1968, ANNEE [illegible] P 78

(2) [illegible] JOHN CANNALLY [illegible] 1971 [illegible]

[illegible]

[illegible]

[illegible] 1.2

[illegible] AOPEP [illegible]

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[illegible] 6 [illegible] 5 [illegible] 1975 [illegible]
[illegible] 7,5 [illegible] ,5 [illegible]
[illegible] %30 [illegible]
[illegible]

: [illegible] -3.2

[illegible] 100 [illegible] 1976 [illegible] 6 [illegible]
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%60 [illegible] 1980 [illegible] 7,4 [illegible] 1975 [illegible] ,6 [illegible]
%73 [illegible] %63 [illegible]
.[illegible]

[illegible]
[illegible]
[illegible]
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[illegible]
.[illegible]

[illegible]
[illegible]
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[illegible]

[illegible] 1946 [illegible] 1980 [illegible] 1956 [illegible]

[2] [illegible]

---

92 [illegible]

12 [illegible] 1987 [illegible] 4 [illegible]

[illegible]

[illegible] 1

1.1 [illegible]:

[illegible] 186 [illegible] 1980 [illegible] 64 [illegible] 1970 [illegible] 1980 [illegible] 40 % [illegible] 1980 [illegible] 10% [illegible] 1970 [illegible].

2.1 [illegible]:

[illegible] 1980 [illegible] 2500 [illegible] 1970 [illegible] 435 [illegible] 1760 [illegible] 475 [illegible].

3.1 [illegible]:

[illegible] % [illegible] 1980 [illegible] 1980-1975 [illegible] 54 % [illegible].

1989 [illegible] 55 [illegible] 15 [illegible]

14 [illegible]

[illegible] 30,2 % [illegible] 8,5 % [illegible]
3,3 % [illegible] 4,3 % [illegible]

4.1 [illegible]

[illegible]

[illegible] 52 % [illegible] 62 % [illegible] 46 % [illegible] 48 % [illegible]

2 [illegible]

1.2 [illegible] [1]

[illegible]

---

[1] BERTRAND LE FINOY ECONOMIE ET ENERGIE QUELS AVENIRS POUR LE TIERS MONDE TECHNIP France 1985 P 41

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[illegible] 3.2

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2.3 [illegible]:

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- [illegible] 1973 (مرسوم [illegible])
- [illegible] 1974 [illegible]
- [illegible] 1977 (مرسوم [illegible])
- [illegible] 1980 [illegible]

4 [illegible]:

[illegible]

[1] [illegible] 2001 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

2 [illegible]:

[illegible] 2 [illegible]

3 [illegible]:

1.3 [illegible]

[illegible] 90 [illegible] 80 – 60 [illegible] 3 – 2 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 2.3

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

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[illegible]

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[illegible]

2003-1986 [illegible]

[illegible]

[illegible] 1983 [illegible]
.1986 [illegible]

[illegible] 1990 [illegible] 1998 [illegible] 2001 [illegible] 10 [illegible] 2003 [illegible] 17 [illegible] .2 [illegible]

[illegible]

[illegible] 1986 [illegible]

[illegible] 1998 [illegible] 1990 [illegible]

[illegible]

[illegible] 1986 [illegible]

[illegible] 1986 [illegible] 1983 [illegible] 14 95 [illegible] 1988 [illegible] 1988 [illegible]

[illegible] 1983 [illegible] 1986 [illegible] 1974 [illegible]

[illegible]

(AIE) [illegible] 1

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[1] [illegible]

[2] [illegible]

[3] [illegible] 54 [illegible] 1997 [illegible]

CHEMS- EDDINE CHITOUR : LA POLITIQUE ET LE NOUVEL ORDRE PETROLIER INTERNATIONAL EDITION DAHLAB 1995 P 270

[illegible] 2

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: OPEP [illegible]

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[illegible] 1983 [illegible] 1973 [illegible]
[illegible] OPEP [illegible] OPEP [illegible]

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[illegible]

[illegible]

[illegible] 174 [illegible] OPEP [illegible]
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68 [illegible] 1988

[illegible] 2

[illegible]

[illegible] 3

[illegible] -1 3

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[illegible]

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: [illegible] 4

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[102] [illegible] 1998 [illegible] 299 298

[illegible] [103] [illegible]

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2.2 - [illegible]

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1985 [illegible] 29 [illegible] OPEP [illegible]

[103] [illegible]

[illegible] 1985-1981 [illegible] OCDE [illegible]

1985	1984	1983	1982	1981	[illegible]
28	29	30.03	34	32.5	[illegible]
11.57	12.49	13.61	16.22	16.75	[illegible] OCDE [illegible]

[illegible] 304 [illegible]

[illegible] OPEP [illegible] 1985-1982 [illegible] OPEP [illegible] 1986

[illegible]

[illegible][104] [illegible] 1983 [illegible] OPEP [illegible] 1985 [illegible] 1985 [illegible]

[illegible][105] "Net Back" [illegible] OPEP [illegible]

[104] JEAN MARIE BOURDAIRE: L'OPEP REVUE DE L'ENERGIE, NOV / DEC 1991 N 435 P 796, 801

[105] - NET BACK [illegible]

[illegible] 104 [illegible] 61 2 [illegible] 1985 – 1979 [illegible] 49 3 [illegible] OPEP [illegible] OPEP [illegible] OPEP [illegible]

[illegible] 4

[illegible] OPEP [illegible] 1984 [illegible] 1986 [illegible] 15 – 13 [illegible] 18 [illegible] 1987 [illegible] 1 [illegible] 3 [illegible] 1987 [illegible] 8

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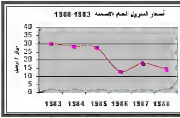
:(1988 [illegible] 1983) [illegible] 1

[illegible] 34 [illegible] 5 [illegible][106] [illegible] 28 [illegible] 1983 [illegible] 29 [illegible]

[106] [illegible] 1998 [illegible]

... 13-10 ... 1986 ... 1985 ... OPEC ... 2,15 ...
... 15-13 ... 1986 ... OPEC ... 18 ... 1987 ... 14,95 ...
.1988 ...

1/2 ...



... 1999 ...

260

2. ...

... OPEC ...

[illegible] % 3 [illegible] 2 [illegible]
[illegible] 2000 [illegible]

[illegible] 3

[illegible] : - 1.3

[illegible] % 43 [illegible] 1987 [illegible] 1 [illegible]

[illegible]

[illegible] % 66 [illegible] 22 [illegible] 1987 [illegible]

[illegible] 1980 [illegible].

[illegible] : - 2.3

[illegible] % 14 [illegible] 1987 [illegible]

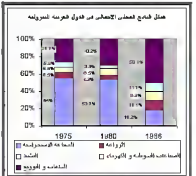
[illegible] % 21 [illegible] 1980 [illegible]

-1980 [illegible] % 5 [illegible]

[illegible] 1987

3.3 -

1/2


100%
80%
60%
40%
20%
0%
1975
1980
1986
25.7%
5.5%
5.5%
8.5%
55%
-0.2%
3.3%
8.5%
4.3%
53.7%
50.1%
11.7%
9.9%
11.1%
18.2%

4.3 -

[illegible]

1988-1982 [illegible]

1988	1987	1986	1985	1984	1983	1982	[illegible]
136.3	134.7	118.3	103.9	91.2	86.9	82.3	[illegible]
84.0	70.5	70.8	66.9	55.0	55.7	56.0	% [illegible]

1998 [illegible] 149.[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 232 [illegible]

[illegible] 1986 [illegible] 1988 - 1983 [illegible]

[illegible]
2001 - 1990 [illegible]

[illegible] 40 [illegible] 1998 [illegible] 2001 [illegible] 10 [illegible]

[illegible]

[illegible]

[illegible] 1

[illegible] 1.1 : (1990-1991)

[illegible] [109] [illegible] (1990-1991) [illegible]

[illegible]

[illegible]

* [illegible]

* [illegible]

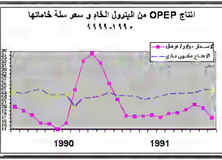
[illegible] 1990 [illegible] 1989 [illegible] 26 [illegible] 1991 [illegible] 37,5% [illegible] 1990 [illegible] 38,0% [illegible] 1991.

[illegible] 2.1 :

[illegible] 1990 [illegible] 34,3 [illegible] OPEP [illegible] 2 [illegible] 2,3 [illegible] 1990 [illegible] 3,6 [illegible] 18,7 [illegible] 1991 [illegible] 21 [illegible] OPEP [illegible]

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[109] [illegible] 79 [illegible] 1972 [illegible]


انتاج OPEP من البترول الخام و سعر سلة خاماتها
١٩٩١-١٩٩٠
الاسعار دولار / برميل
1990
1991

[illegible] 85 [illegible] %23 [illegible]

[illegible] %5 [illegible] 10 [illegible]

[illegible] 1990 [illegible] : 3 / 2 [illegible]

	OPEP [illegible]	[illegible]
[illegible]	23,2	53,2
[illegible]	19,9	49,7
[illegible]	22,5	52,8
[illegible]	22,6	53,4
[illegible]	23,2	54,0
[illegible]	23,5	54,3

Hors pays a economie actuellement ou recement planifiee e

Jean pierre pauwels Reflexions sur le choc petrolier de 1990 et [illegible] propositions d actions pour l'avenir REVUE DE L'ENERGIE N 429 AVRIL 1991 P 216

[illegible] - 4.1

[illegible] 1990 [illegible] 01 [illegible] 1991 [illegible] 6 [illegible] %16 [illegible] 1991 [illegible] %2,2 [illegible] 7 [illegible] 6 [illegible] 40 [illegible] 32 [illegible]

[illegible]

[illegible] : 4/2 [illegible] (1991 – 1987)

([illegible])

**1991	*1990	*1989	1988	1987	
15390	15320	10360	4141	5460	[illegible]
580	700	660	688	660	[illegible]
500	600	620	420	480	[illegible]
13085	8670	9000	4091	4536	[illegible]
46690	39415	17891	13095	17999	[illegible]
1600	1900	1670	1286	1286	[illegible]
.. ..	9460	14240	10952	11416	[illegible]
3942	4425	3114	2584	3209	[illegible]
2950	2830	2250	1709	1829	[illegible]
.. ....	5535	8920	6775	6237	[illegible]
9590	10820	4550	3500	4065	[illegible]
695	850	460	357	535	[illegible]
893	674	615	410	51	[illegible]
95915	**101199**	**74350**	**50068**	**57763**	[illegible]

* [illegible]

** [illegible]

[illegible] 1992 [illegible] 257 :[illegible]

[illegible]

[illegible] - 1.2

[illegible][111] [illegible] 1990 [illegible] 5660 [illegible]

[illegible] 661 [illegible]

[illegible] - 2.2

[illegible] 1995 [illegible] 14 [illegible] 986 [illegible][112] [illegible] 986 [illegible][113] [illegible] 1996 [illegible][114] [illegible] 1996 [illegible] 20 [illegible][115] [illegible] 3

[111] – HTTP //WWW.EMBASSYIRAQ COM / GLFWREFCT HTM

[112] HTTP //USINFO .STATE GOV /ARABIC /IRAQ / SUFFERING – HTM

[113] [illegible] 986 [illegible]

[114] 25 [illegible] 4 [illegible] 2003 [illegible]

[115] 2001 [illegible] 245 [illegible] 151 [illegible]

[illegible]

[illegible] 1.3

[illegible] [115] [illegible] (1991–1990) [illegible] 12 [illegible]

[illegible]

2002	2000	1995	1990	1980	[illegible]
32,6	32	13	77	53	[illegible]
34,4	23,6	20,5	18,9	13,2	[illegible]
%15,8		-	-	-	[illegible]
2250	1985	500	0,3109	0,2953	[illegible]
-	7	8	60	64	[illegible]
2,6	2	1,1	2	2,1	[illegible]
%57	%56	%50,6	-	%5	[illegible]
1336	1355	6000	3200	4000	[illegible]

75 : [illegible] 2003 [illegible] 152 [illegible]

[illegible] * [illegible] 2002 [illegible] 1990 [illegible]

[illegible]

[115] [illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
% 49 8	% 51 1	10 983 000	[illegible]
% 9 4	% 12 4	2 666 300	[illegible]
% 34 8	% 29 9	6 418 900	[illegible]
%1 4	%2 1	404 300	[illegible] 986
%0 5	%0 7	154 000	[illegible]
%3 4	%3 20	680 700	[illegible]
%0 7	%0 6	119 500	[illegible]

75 : [illegible] 2003 [illegible] 152 [illegible]

[illegible]

[illegible] 2.3

[illegible][117]

[illegible] 1999 [illegible] 1300 [illegible] 1989 [illegible] 3120 [illegible] 2002 [illegible] 1993 [illegible]

[illegible] 2002 [illegible]

2002-1990 [illegible] 7/2 [illegible]

[illegible] 2002 [illegible]	1990 [illegible]	[illegible]
300	0.06	[illegible]
400	0.24	[illegible]
500	0.20	[illegible]
	-	[illegible]
1200	1.6	[illegible]
1450	0.60	[illegible]

77 : [illegible] 2003 [illegible] 38 [illegible] 152 [illegible]

[illegible] 2002 [illegible] 200 [illegible] 20 [illegible]

---

[117] 77 76 [illegible] 2003 [illegible] 38 [illegible] 152 [illegible]

[illegible] 1989 [illegible] 2002

[illegible]	[illegible] 2000	[illegible] 1989	[illegible]
%2623	2560	94	[illegible]
%1800	3002	158	[illegible]
%1224	1377	104	[illegible]

[illegible] 152 [illegible] 38 [illegible] 2003 [illegible] : 77

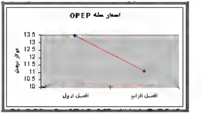
[illegible] %25 [illegible] 1990 [illegible] 40 [illegible]

[illegible] %57 [illegible] 2002 [illegible] %5 [illegible]

[illegible] 5000 [illegible] 2500 [illegible]

[illegible]	[illegible]
34.3	1998
22.1	1988
51.1	1986
23.0	1933
54.5	1931
30.9	1927
43.6	1921
21.0	1915
27.9	1906
19.3	1901

[illegible] 1998 [illegible] OPEP [illegible] 3/2 [illegible]



[illegible] 15-10 [illegible] 16 [illegible] OPAEP [illegible]

1999 :77

[illegible]

1.2 - [illegible]

[illegible]

[illegible] [118] [illegible]

[illegible]

[illegible]

[illegible]

[118] [illegible] 1999 [illegible] 15-10 [illegible] 16 [illegible] 71

[illegible] 26 [illegible] 1980 [illegible]
[illegible]
[illegible] 1996 [illegible] 54 [illegible]
[illegible] 54 [illegible] 77 [illegible]
[illegible] 1997 [illegible]
[illegible]
[illegible]
[illegible] 25 [illegible] 1998 [illegible] 35 [illegible]
[illegible] 10 [illegible]

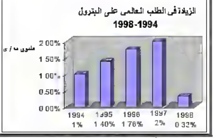
[illegible] 2.2

[illegible] [113] 2 [illegible] 1998 [illegible]
1 0 [illegible] 3 [illegible]
[illegible] 0 [illegible]
[illegible] 2 [illegible] 1 5 [illegible] 1997 [illegible] 1994 [illegible]
[illegible] 1998 [illegible] 0 5 [illegible]
[illegible] 1998 [illegible] 2 [illegible] 1997 [illegible] 4 1 [illegible]
[illegible]
[illegible]
[illegible]

---

[113] 61 [illegible] 1900 [illegible]

2/2 [illegible]



62 [illegible] 1999 [illegible]

: 1998- 1997 [illegible] -3.2

[illegible]

1998 [illegible] 10 /2 [illegible]

%	[illegible]	% [illegible]	[illegible]
15-	340-	6.5	[illegible]
3-	180-	2.6	[illegible]
7-	70-	15.5	[illegible]
11-	80-	7.0	[illegible]
4-	15-	4.7	[illegible]
4-	5-	4.5	[illegible]
	[illegible]		
	90	7.6	[illegible]
	70	4.0	[illegible]
	10	4.5	[illegible]
	170		

: [illegible] 1999 [illegible] 15-10 [illegible] 16 [illegible] OPAEP [illegible]

: [illegible] -4 2

[illegible]

- [illegible] 2 [illegible]
- .OPEP [illegible]
- [illegible] OPEP [illegible]
- * [illegible] * [illegible]

[illegible] 1997 [illegible] 26 [illegible] OPEP [illegible] 25 033 [illegible] 1993 [illegible] 27 5 [illegible] 5 OPEP [illegible] OPEP [illegible] 1983 [illegible]

[illegible] 245 [illegible] 635 [illegible] 1998 [illegible]
.OPEP [illegible] 390 [illegible] OPEP

[illegible] 355 [illegible] 535 [illegible] 1998 [illegible]
.OPEP [illegible] 180 [illegible] OPEP [illegible]

OPEP [illegible] 600 [illegible] 170 [illegible]

:[illegible]

[illegible] 3 [illegible] 1-
:[illegible] 67 [illegible]

[illegible] 1998 [illegible] : 11 /2 [illegible]

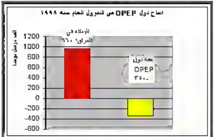
[illegible] %	[illegible] 1998	[illegible] 1998/07/1	[illegible]
	8750	725	[illegible]
	2380	225	[illegible]
	2205	225	[illegible]
	1450	130	[illegible]
	870	80	[illegible]
	700	60	[illegible]
	910	50	[illegible]
	860	20	[illegible]
	380	20	[illegible]
% 8.5	18505	1535	[illegible]
	3370	525	[illegible]
	3625	305	[illegible]
	2260	225	[illegible]
	1380	100	[illegible]
	3140	200	[illegible]
	3230	100	[illegible]
	6040	100	[illegible]
%6.7	23043	1555	[illegible]
	26990	2600	OPEP [illegible]
	14560	490	OPEP [illegible]
	41550	3090	[illegible]

[illegible] 1999 [illegible] 10 [illegible] 16 [illegible] OPAEP [illegible]

[illegible] [120] [illegible] 2 [illegible]

[120] [illegible] 16 [illegible] OPAEP [illegible] 10 [illegible] 1999 [illegible]

3 /2



5-10 ... 16 ... OPAEP ...

89 :... 1999

- 3 ... 1998 ...

3- ...

3.1 ...

... 1998 ... 3 ...

[illegible]

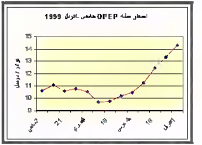
[illegible] OPEP [illegible] (1982 [illegible]) [illegible] OPEP [illegible] 1998 [illegible] (OPEP [illegible] %90 [illegible] 265 [illegible] 1999 [illegible]

2.3 [illegible] :[121]

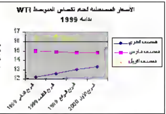
[illegible] 1999 [illegible] 1998 [illegible] OPEP [illegible]

[illegible] 1999 [illegible] 2000 [illegible]

[121] [illegible] 2000 [illegible] 2000 [illegible]


1999
OPEP
15
14
13
12
11
10
9

4.3



[illegible] 1998 [illegible] -4

[illegible] -1.4

[illegible] 1998 [illegible] 1998 [illegible] 6 [illegible] 1997 [illegible] 5.2 [illegible] 29 [illegible] .1998 [illegible]

1998 [illegible] 12/2 [illegible]

[illegible]	[illegible]	% [illegible]
[illegible]	5.4	(13.0)
[illegible]	2.9	(6.0)
[illegible]	17.9	(12.8)
[illegible]	1.6	(15.7)
[illegible]	4.5	(15.0)
[illegible]	3.1	(13.0)
[illegible]	0.8	(1.0)

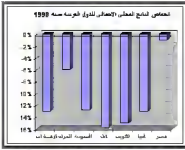
[illegible] 49: [illegible]

[illegible] 4/2

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[124] [illegible] 1998 [illegible]

[125] [illegible]



[illegible] OPAEP [illegible] 1999 [illegible] 26 [illegible] 2000

[illegible] 5

[illegible] 2.2.4[126]

[illegible] 2.2.4

[illegible] 1998 [illegible] 1997 [illegible] 1996 [illegible] 1998 [illegible] 5 [illegible] 1988 [illegible] 1997 [illegible] 1998 [illegible]

[illegible] 2.2.4

[126] [illegible] 217

[illegible] 1998 [illegible]

[illegible] 1997 [illegible] 6 [illegible] 2

[illegible] 1997-1990 [illegible] 5 [illegible]

[illegible] 1998 [illegible] % 25 3 [illegible]

[illegible] 1995 [illegible] 35 [illegible]

[illegible] 1998 [illegible] %0 9

[illegible]

[illegible] -3.4

[illegible] 1998 [illegible]

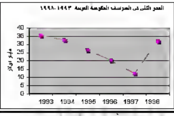
[illegible] % 15 [illegible] 6 [illegible]

[illegible] 2 [illegible]

[illegible] 22 7 [illegible] % 28 [illegible]

[illegible]

6/2 [illegible]



32 .ص 1999 [illegible]

4.4- [illegible]

[illegible]

[illegible] 11 [illegible]
2001

1- [illegible]

[illegible] 2001 [illegible] [127] [illegible] [128] [illegible]

[127] [illegible] 2001 [illegible] 2001 [illegible] 52 ص 2002 [illegible]
[128] 173 172 ص 2002 [illegible] 2001 [illegible]

[illegible] 3 /2 [illegible]

[illegible] 2002 [illegible]	[illegible] 2001 [illegible]	[illegible] 2002 [illegible]	[illegible] 2001 [illegible]	[illegible] 2000	
%1.5-1	%0.9	%2.3	%1.1	%3.4	[illegible]
%3.8-3.5	%2.8	%4.3	%2.9	%5.5	[illegible]

173 [illegible] 2002 [illegible]

[illegible]

[illegible] 2001 [illegible] 11 [illegible] [129] [illegible] 2001 [illegible] 20 [illegible] 2001 [illegible] %25 [illegible] 15 [illegible]

[illegible] 4 [illegible] OPEP [illegible] [130] [illegible] 2002 [illegible] 5 [illegible]

: 2001 [illegible] 11 [illegible] 3

[illegible]

[129] [illegible] 2002 [illegible] 169 [illegible] 102 [illegible]

[130] 180 [illegible] 2002 [illegible] 11 [illegible]

[illegible] 2001 [illegible] 2000 [illegible] 700 [illegible]

: [illegible] 1.3

[illegible] 1 4 [illegible] 365 [illegible] 30 1 [illegible] 2001 [illegible] 68 1 [illegible] 49 [illegible] 61 [illegible] 2002 [illegible] 5 [illegible] 42 [illegible] 71 [illegible][131] [illegible]

: [illegible] 2.3

[illegible] 2001 [illegible] 2002 [illegible] 11 [illegible]

[illegible] 2001 [illegible] 11 [illegible]

[131] [illegible] 11 [illegible] 32 [illegible] 2002 [illegible]

[illegible]

[illegible]

[illegible]

[illegible] 11 [illegible] 11 [illegible] 60 [illegible] 17 [illegible] 91 [illegible] 2001 [illegible]

[illegible] - 2.4 :

[illegible] [132] [illegible]:

[illegible] -
[illegible].

[illegible]

[illegible] -
[illegible].

[illegible] -
[illegible].

[illegible]
[illegible]:

1991-1990 [illegible]
[illegible].

[illegible]

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[132] 47 [illegible] 2001 [illegible]

[illegible] 1998 [illegible]
[illegible]

[illegible] 1998 1997 [illegible]
[illegible] 1998 [illegible]
[illegible]

[illegible] 1998 [illegible]
[illegible]

[illegible] 11 [illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]

[illegible] 2004 [illegible]
[illegible]

[illegible]

[illegible]

[illegible]

1. [illegible]

[illegible] [133] [illegible] [134] [illegible] 15 [illegible] 50% [illegible] 75 [illegible] 2007 [illegible]

[133] [illegible] 2000 [illegible]

[134] [illegible] 2003 [illegible]

[illegible] [135] [illegible]
[illegible]
[illegible]
[illegible]

[illegible] 2

[illegible] % 8 [illegible] 1980 [illegible] % 18 [illegible] % 42 [illegible] 1980 [illegible] % 55 [illegible] 64) [illegible] 71 [illegible] 45) [illegible] 446 [illegible] 30 [illegible] 61) [illegible] 34 [illegible] 11 6) [illegible] 8 [illegible] 9 [illegible]

[illegible] [136] [illegible] 1990 [illegible] [137] [illegible] 40 [illegible] [138] [illegible] 1991 [illegible] 18 [illegible]

[135] [illegible]
[136] [illegible]
[137] [illegible]
[138] [illegible] 1990 [illegible]

[illegible] [123] [illegible]
[illegible]
[illegible] 647 [illegible] 2002 [illegible]
.2002

[illegible]
[illegible]

- [illegible] [16, 15] [illegible]
[illegible]
[illegible] 90 [illegible] 0 [illegible]
[illegible]
- [illegible]
[illegible]
[illegible]
- [illegible] 25 [illegible] 5% 5 [illegible]
[illegible]
[illegible] 7 [illegible]

[illegible]
[illegible]

---

[123] [illegible]
[illegible] 75 [illegible]
[16] [illegible] 154 [illegible]
116 [illegible] 2003 [illegible]

[illegible] 3

[illegible] 1.3 :

[illegible] 25 [illegible][140] [illegible] 1999 [illegible] FREE ACCESS [illegible] 66 [illegible] 54) [illegible] 600 [illegible] 2020 [illegible] 2030 [illegible] 2030 [illegible] 2030 [illegible] 1991 [illegible] 79 [illegible] 34 [illegible] 2000 [illegible] 67 [illegible] 33 [illegible].

[illegible][142] [illegible]

[140] [illegible] 304 [illegible] 25 [illegible]

[141] [illegible]

[142] [illegible]

[143] [illegible]

[illegible] 2.3

[illegible] 10 [illegible] 2 [illegible] 120 [illegible] 33 [illegible] 2035 [illegible] 17 [illegible] 29 17 [illegible] 27 31 [illegible] 2020 [illegible] 68 [illegible][143] [illegible] .1990 [illegible] % 42 [illegible] 2001 [illegible] % 55 [illegible] 2025 [illegible]

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[143] [illegible]

[144] [illegible] 1977 [illegible] 21 [illegible] 1975 [illegible] 22 [illegible]

[illegible] 1972 [illegible]

[illegible] 1998 [illegible]

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144 6 [illegible] 00 [illegible]

[illegible]

[illegible] 1

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[illegible] [147] [illegible] 11 [illegible]

[145] [illegible]

[146] [illegible]

[illegible]

- [illegible] 2003 [illegible] 22 [illegible] 2000 [illegible]

[illegible]

: [illegible] 2

[illegible]

[illegible] 1.2

[illegible] 4 [illegible] 1 5 [illegible]

: OPEP [illegible] 2.2

OPEP [illegible]

[illegible] 112-113 [illegible]

[illegible] 23 20 [illegible] 28-22 [illegible] OPEP [illegible] 18-15 [illegible] OPEP [illegible] 15-12 [illegible] 20 [illegible] 50 [illegible] 2001 [illegible]

[illegible] -3

[illegible] [148] [illegible]

[illegible]

[148] [illegible] 2003 [illegible]

[illegible] 2003 [illegible]

[illegible]

[illegible] 2003 [illegible] OPEP [illegible] (OPEP) [illegible]

[illegible] -4

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 2002 [illegible] [150] [illegible]

: [illegible] 1.4

[illegible] [151] [illegible] 60 [illegible] 30 [illegible] 43 [illegible] 90 [illegible] 4 2 [illegible] 2 [illegible] [illegible]

: [152] [illegible] 2.4

[illegible] 25 [illegible] 8 [illegible]

[150] [illegible]

[151] [illegible]

[152] [illegible]

[illegible] 3.4

[illegible]

[illegible] 4.4 [2] [3]

[illegible]

[illegible]

[13] HTTP://www. Alwatan – Yaman. Net /Alaad / Hesarraq.Htm

[illegible]

[illegible]

[illegible] [154] [illegible]

[illegible]:

[illegible]

- [illegible]
- [illegible]
- [illegible]

[illegible] [155] [illegible]

[illegible]:

[illegible] 1931 [illegible] 2000 [illegible]

[154] [illegible] 2003 [illegible] 154 [illegible]

[155] [illegible]

[illegible]

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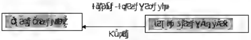
[illegible]

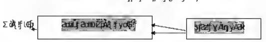
(1988-1980 [illegible] 1986-1977 [illegible])

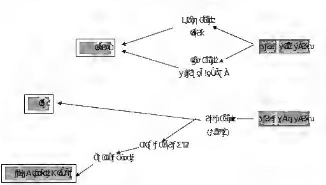
[156] [illegible]

[157] [illegible] 1990 [illegible]

[158] [illegible]







[illegible]

[illegible] -2.1

[illegible] 2004 [illegible] 483 [illegible]

[illegible] -3.1

[illegible][159] [illegible]

[illegible] 1980 [illegible] 2002

[illegible] 3109 [illegible] 2002 [illegible] 2000 [illegible] 1990 [illegible] %70 [illegible] 111 [illegible] 110 [illegible]

[159] 2002 [illegible]

[illegible] 1200 [illegible] 1979 [illegible] 4219 [illegible]
[illegible] 5% 80 [illegible] 2003

[illegible]
[illegible]
[illegible] 2004 [illegible]
[illegible]

[illegible]
-103 5 [illegible] 300 [illegible]
[illegible] 4 [illegible] 29 4

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] 1 18 [illegible]
[illegible] 20 [illegible]
[illegible] 993 [illegible] 450 [illegible] 108 [illegible]
[illegible] 726 [illegible] 403
[illegible] 5 [illegible]
[illegible]
[illegible] 30 [illegible] 25 [illegible]

[illegible] 2 [illegible] 00 [illegible]
[illegible] 400 [illegible]

[illegible]
[illegible] B52 [illegible]

[illegible] 2

[illegible]

[illegible] 1.2

[illegible] [160] [illegible]

[illegible]

[illegible]

[illegible] 1483 [illegible] 1 - 10 [illegible]

[illegible] 1.1.2

[illegible]

[160] [illegible]

[illegible]

[illegible] 2.1.2

[illegible]

[illegible] 3.1.2

[illegible] USAID [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 200 [illegible] 2004 [illegible]

[illegible]

[illegible]

13303 [illegible] 2003 [illegible]

[illegible]

[illegible] 2.2

[illegible]

[illegible] 00 [illegible]

[illegible] 4 [illegible]

[illegible]

[illegible] 2003 [illegible] 17 [illegible]

[illegible] RISE [illegible]

[illegible]

[illegible]

[illegible]

[illegible] 1.3

[illegible]

2.3 [illegible] :

[illegible] 1482 [illegible] 1500 [illegible]

3.3 [illegible] :

[illegible] [161] [illegible] 2003 [illegible]

---

[161] [illegible] 2003 [illegible] 154 [illegible]

[illegible] 10 [illegible] 10 [illegible] USAID [illegible] [162] [illegible] [163] [illegible] 10 [illegible]

[illegible]

[162] 1948 [illegible]

[163] [illegible]

[illegible] 10 [illegible]

[illegible]

[illegible]

[illegible]

- [illegible]

- [illegible]

- [illegible]
- [illegible] DPEP [illegible] OPEP [illegible]

- [illegible]

- [illegible]

[illegible] FMI [illegible] BM [illegible] OMC [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 1947 [illegible]

[illegible]

[illegible]

[illegible] 1

[illegible][164] [illegible]

[164] [illegible] 17 [illegible] 2000 [illegible]

[illegible]

[illegible] 2

[illegible] Rationalise [illegible][165] [illegible] Economic and Moral [illegible]

[illegible]

[illegible] value [illegible]

---

[165] [illegible]

[illegible] 3

[illegible] OMC [illegible]
[illegible]
NAFTA [illegible]
[illegible]

[illegible]

[illegible]

[illegible] [166] OMC [illegible] [167] [illegible]

[illegible] GATT [illegible] 1974 [illegible] OMC [illegible]

[illegible] OMC [illegible] GATT [illegible]
78 [illegible] 2002 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] OPEP [illegible]

[illegible] 3

[illegible] 1.3

[illegible]

2.3- [illegible] OPEP :

[illegible] OPEP [illegible]

[illegible] 70 [illegible]

[illegible] OPEP [illegible][167]

3.3- [illegible] :

[illegible] OPEP [illegible]

[illegible] OPEP [illegible]

1.3.3- [illegible] OPEP:

[illegible] OPEP [illegible] OPEP [illegible] OPEP [illegible]

3.3.3- [illegible] :

[illegible] 36 [illegible] 50 [illegible] OPEP [illegible]

[167] [illegible] OMC [illegible] 2002 [illegible]

[illegible] 4.3:

[illegible] OPEP [illegible]

[illegible]

[illegible] 4

[illegible] 1.4:

[illegible]

[illegible] 2.4:

[illegible]

[illegible] 1 [illegible]

[illegible] 2

[illegible] 3 [illegible] OMC [illegible]

[illegible] 3.4

[illegible] OMC [illegible]

[illegible] 1.3.4

[illegible] OMC [illegible][170] [illegible]

[illegible] 2.3.4

[illegible] OPEP [illegible]

[170] [illegible] GATT [illegible] 118 [illegible]

[illegible] 4

[illegible] OMC [illegible]

[illegible]

OMC [illegible] 1/3 [illegible]

[illegible]	[illegible]
1995/01/01	[illegible]
1995/01/01	[illegible]
1995/01/01	[illegible]
1995/03/29	[illegible]
1995/05/31	[illegible]
1995/05/31	[illegible]
1995/06/30	[illegible]
1996/01/13	[illegible]
1996/04/10	[illegible]
2002/04	[illegible]

[illegible]

79 [illegible] 2002 [illegible] 1 [illegible]

121 [illegible] 2002 [illegible] 100 [illegible] 2

7

1

1.1

[171] 1999

[172]

[173]

[171] 31 2001 72

[172] 218 17

[173] JEAN PIERRE PAUWES, Peut-on tant que ... de cotation du petrole et de gaz, Revue de l'Energie N 503 JANVIER 1999, P 21

[illegible] -2.1 :

[illegible]

[illegible]

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]

[illegible]:

1. [illegible]
2. [illegible]
3. [illegible]

[illegible] -2

[illegible] [1] [illegible] 43% [illegible] 34% [illegible]

---

[1] [illegible] 25 [illegible] 2004 [illegible]

[illegible] 1975 [illegible]

[illegible] 1973 [illegible]

[illegible] 2007 [illegible]

1. [illegible]

2. [illegible]

3. [illegible]

4. [illegible]

1.2- [illegible] :

[illegible] [174]

2.2- [illegible] :

[illegible]

[174] 36 [illegible] 2003 [illegible]

[illegible] 3.2

[illegible]

[illegible] 3

[illegible][175] [illegible] 1971 [illegible] 1986 [illegible] 1987 [illegible] 1987 [illegible]

[illegible]

[175] [illegible] 25 [illegible] 33 [illegible] 1999 [illegible]

[illegible] (2/3)

[illegible] : 2/3 [illegible]

[illegible] 100 = 1973 | [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3 07	3 07	3,07	3,07	1973
9,31	8,47	12,65	11,51	1976
9 48	10 02	16,33	17,28	1979
16 42	15,19	35,13	32,50	1981
15,20	10 24	10,08	27,00	1985
6,81	6 38	18,91	17,33	1987
7,05	7,03	22,34	22,26	1990
5,08	4,65	17,83	16,33	1993
5,61	5,36	21,25	20,29	1996
5,42	4,83	20,95	18,68	1997
3,56	3,13	13,99	12,28	1998

39 : [illegible] 1999 [illegible] 25 [illegible]

[illegible]

1. [illegible]

2. [illegible]

%20 [illegible] 1973 [illegible] 1997-1973 [illegible] %3,3 [illegible] %16,7 [illegible]

[illegible] %3 [illegible] %3 [illegible] OPEP [illegible]

[illegible] Facturation [illegible]

[illegible] (3/3) [illegible]

[illegible]	1990-1985	1995-1991	1990-1985
[illegible]			
[illegible]	24,4	29,7	11,5
*WTI	21,7	26,8	11,0
[illegible]	26,0	32,0	10,0
**OPEP [illegible]	25,0	30,4	10,7
[illegible]			
[illegible]	47,2	39,5	51,3
[illegible]	10,5	12,5	5,3
[illegible]	25,9	32,1	16,5
[illegible]			
***2 [illegible]	10,9	11,5	2,6
[illegible]	27,6	24,3	14,1
[illegible]	22,7	23,0	6,9

33 [illegible] 1995 [illegible] 25 [illegible]

[illegible] WTI *

[illegible] OPEP [illegible] **

OPEP [illegible] 10 [illegible] 2 [illegible] ***

40 [illegible]

1995-1985 ... 1995-1991

4

4/3 ...

1996 ... 4/3

[illegible]	[illegible]	[illegible]	[illegible]
49305	62292	12987	[illegible]
9014	14874	5860	[illegible]
34180	44451	10271	[illegible]

REVUE DE LENERGIE , N 503, JANVIER 1999 P 27

(1) ... (5/3 ...)

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[1] JEAN PIERRE PAUWELS L EURO ENTANT QUE MONNAIE DE COTATION DU PETROLE ET DE GAZ , REVUE DE L' ENERGIE N 503, JANVIER 1999 P 27

(1997) [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	%
60,7	61,9	30,9	4,6	39,8	10,7	39,8	13,0	UE 15
57,5	60,8	20,5	2,1	25,4	8,5	20,8	14,8	UE 11
8,6	17,3	9,3	2,9	22,2	13,0	22,9	15,3	U.S.A
2,1	0,9	9,0	36,4	15,1	24,1	8,3	17,8	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
%95,5	%60	%95,2	%88,3

REVUE DE L'ENERGIE N 503 JANVIER 1999 P 25 [illegible]

LA ZONE UE 11 EST COMPOSEE DE L'Allemagne, L'Autriche, LA Belgique, LA Finlande, LA France, L'Espagne, L'Italie, L'Irlande, Luxembourg, Les Pays Bas, LE Portugal

UE 15=UE 11 +LE DANIMARK, ROYAUME UNI, LA SUEDE ET LA GRECE

1 [illegible]

2 [illegible] OMC [illegible]

3 [illegible] OMC

34 [illegible]

[illegible] OPEP [illegible]
[illegible]

[illegible] OMC [illegible]
[illegible]

[illegible]

[illegible]

[illegible] 160 [illegible] 1997 [illegible] 11 [illegible] OPEP [illegible]

[illegible]

[illegible]

[illegible] - 1

[illegible] 1973 [illegible] 1974 [illegible] 1975 [illegible] 1975 [illegible] 18-16 [illegible] 18 [illegible] 8 [illegible] 19 [illegible] 1977 [illegible] 1991 [illegible] 1995.

[illegible] 2

[illegible] 1990 [illegible] 1991 [illegible] 1986 [illegible] 1995 [illegible] 1994 [illegible] 1992 [illegible] 1991 [illegible][177] [illegible]

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[177] 1991 [illegible]
1993 [illegible]
1994 [illegible]
1995 [illegible]

[illegible]

[illegible] 1970 [illegible] 6,07 [illegible] [178] [illegible] 11,42 [illegible] %23 [illegible] 1,42 [illegible] %77 [illegible] 4,65 [illegible] 1975 [illegible] %52 [illegible] 18,90 [illegible] 27,90 [illegible] 1980 [illegible] %48 [illegible] %36 [illegible] %64 [illegible]

1986 [illegible] 30 [illegible] 1985 [illegible] 22,50 [illegible] 1992 [illegible] 55,40 [illegible] 1991 [illegible] 52 [illegible] 1986 [illegible] 1993 [illegible] 50,80 [illegible] 16,07 [illegible] 1992 [illegible] 18,22 [illegible] 1991 [illegible] 19,33 [illegible] 1986 [illegible] 11 [illegible] 1993

[178] [illegible]

[illegible] 1993 [illegible] 12.35 [illegible] 1991 [illegible] 14.55 [illegible]
[illegible] 20 [illegible] %20 [illegible]
94-92 [illegible]
[illegible] 1993 [illegible] 35,26 [illegible] 1992-1990 [illegible]
[illegible] 47 [illegible] 107 [illegible] 1993 [illegible]
[illegible] 26 [illegible] %74 [illegible]
[illegible]
[illegible] %52 [illegible] 13,11 [illegible] 43 [illegible] 1993

[illegible] OCDE [illegible]
[illegible] OPEP [illegible]
[illegible]
[illegible] 1991-1973 [illegible] 300 [illegible] 100 [illegible]
-1986 [illegible] 5,90 [illegible] 1973 [illegible]
[illegible] 1995-1991 [illegible] 1991

[illegible]

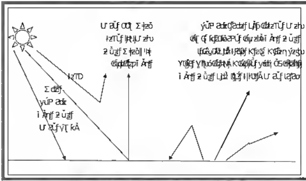
[illegible] -1

: [illegible] -1.1

[illegible]
[illegible] [179] [illegible]
[illegible]

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179 [illegible]
[illegible]



2.1

(6/3)

(%) 1996	(%) 1973	[illegible]
42,2	49,7	[illegible]
38,6	36,2	[illegible]
19,2	14,1	[illegible]

2 -

1991 1992 1994 154

[illegible] 60 [illegible] 1997 [illegible]
[illegible]
[illegible] 1998 [illegible] 27 [illegible]
[illegible] 90 [illegible] [182] [illegible]
1999 [illegible] 5 [illegible] 1990 [illegible]
2000 [illegible] [183] [illegible] 84 [illegible]
[illegible]

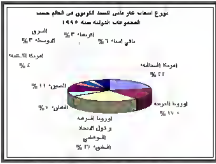
[185] [illegible] [184] [illegible]
[illegible]
[illegible] 1990 [illegible] 10 [illegible] 5,2 [illegible] 2012-2008 [illegible]
[illegible] 1990 [illegible]

[illegible] -3

[illegible]:

- [illegible]
- [illegible]
- [illegible]

[182] 184 183 [illegible] 5 [illegible]
[183] 11 [illegible] 2002 [illegible]
[184] [illegible] 2000 [illegible] 1990 [illegible] 5 [illegible] 2012 [illegible] 2008 [illegible]
[185] 21 [illegible] 2001 [illegible] 372 [illegible]


توزيع انبعاث غاز ثاني اكسيد الكربون في العالم حسب المجموعات الدولية
الشرق الأوسط ٣ %
افريقيا ٣ %
باقي آسيا ٦ %
أمريكا اللاتينية ٤ %
أمريكا الشمالية ٢٢ %
الصين ١١ %
اليابان ٦ %
أوروبا الغربية ١٧ %
أوروبا الشرقية و دول الاتحاد السوفيتي السابق ٢٧ %

3/3



76 ... 2000 ...

- 1.2

... 2005 ... CO_2 ... 50 ... 50 ... 1990 ...

- ... CO_2.
- ... GDP[187].

... 1994 ... [188] ... 1995 ... 1999 ... 31 ... 1996 ... 1 ...

---

[187] ... GDP

[188] ...

[illegible] 2000 [illegible] 1 [illegible]

[illegible] 15 [illegible] CO_2 [illegible]

[illegible] -2.3

[illegible] 1992 [illegible][185] [illegible]

[illegible] 3.3

[illegible] OPEP [illegible] 2010 [illegible] 3 [illegible][190] [illegible] 2030-2000 [illegible] 590-360) [illegible]

[185] [illegible] 1993 [illegible] 67 [illegible] 18 [illegible] 26

[190] [illegible] 14 [illegible] 2001 [illegible] 370 [illegible]

[illegible]

[illegible] -4

[illegible]

[illegible]

[illegible] OPEP [illegible]

[illegible]

[illegible]

[illegible] OPEP

[illegible] :

[illegible] 2000 [illegible] %72 [illegible][91] OPEP [illegible]

[illegible] 30 [illegible] 60 [illegible] %6,5 [illegible]

[91] [illegible] OPEP [illegible] 384 [illegible] 20 [illegible] 2002

OPEP Ł ĝŪŪŃĦĢļŊŷ̆ ĿĜĔŃĦŁĘĿĚĔŽŦĭĽŹ- 2

:OPEP Ł ĝŪŪŃĦĢļŊŷ̆ ĿĜĔŃĦŁ 1.2

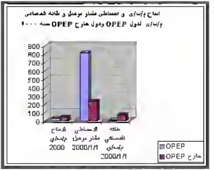
%60 ŷĂĎĶ OPEP ŷĂŔĐĿĐĬ ďĵŷĂĵ Ł ďŁďĵŁŁŔŒ ŷĂŔĐĿŖĵĎĵ ĎĦŷĂĵ ŷĂĵ ŷďĦĻ ŎŇĵ Ĩ ùĿĐĔĵ ĪĐĦĶ ŎďĦ ŎĂŔĔĵ ŎŬĠĉĵ ĿĵĿĎŽ20 ĿĵĿĎŷĵĔĂĵ ĠĵĶĠŷ ďĩ2000 Łĵ ĎĐĦĵ ŬĠĵĿĿĎŽ OPEP ŷĂĵ ŎŜŃĵŷĶ ĭOPEP ŬŁŒ ŷĂĵ ŎŜ[192] ŷĂŔ ĿĵĿĎĐŽŬĐĦĵ ĨĦĵĸ ŁĵĐĵ ĿĎŽ ďĵ ŷĂĵ À7/3ĐĦ ŷĂĵ (OPEP ù Łĵ 20 ùĦŁĵĶĭĐ OPEP ŬŁŒ ŷĂĵ Łĵ 15 ŎĵĂĐĵ) .ŎŜĵ ďĵŁĵ ÀŎŬĠĉĵ ŬŬĵ ŁĵĐ OPEP ŬŁŒ ŷĂĵ ÀOPEP ĿĵĿĎĵĎĿĵ4/3

2000 ĥĵĶĿOPEP Ł ĝŪŪŃĦĵOPEP ŬŃĦĵ ĵ ĭĐĵ ŷĵŃĵ ŬĵŁĵĦĵ ĵĵĎŽ(7/3) !ĝĵŬŃĦĵ

	Ĭ ĵ ĐĵĵŬ (2000/1/1) àĵ !	Ĭ ĵĵĿŁ (2000/1/1) ŭĐĵĵĿĐŽ	Ł ĵĿ (2000) àĵ !
OPEP	8,2	814,0	30,8
OPEP Ł ĝĵ	73,8	231,5	43,7

41 Ŀ ŬĐĐ2 Łĵ ŬĐĐ ĝĵĵŬĵ ĝĵĵĵŬĵĵĵĵĵŎĵĵ ĵ ďĵ

4/3 !ĝĵŬĭĵ



41 Ŀ ŬĐĐ3 Łĵ ŬĐĐ ĝĵĵŬĵ ĝĵĵĵŬĵĵĵĵĵŎĵĵ ĵ ďĵ

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[192] ŬĵĵĵŎĐĵŬĵ ŁĵĿŷĂĿĵ

2.2 [illegible] OPEP [illegible] OPEP

2.2.1 [illegible] :

[illegible] OPEP [illegible] OPEP [illegible]
[illegible] OPEP 38 [illegible]
[illegible].

2.2.2 [illegible]

[illegible] OPEP [illegible] [193] [illegible]
OPEP [illegible].

2.2.3 [illegible]

OPEP [illegible] OPEP [illegible] 2 [illegible]
[illegible] 2,2 [illegible] 5,1 [illegible]
[illegible] 6,9 [illegible] 5,5 [illegible]

2.2.4 [illegible] :

[illegible] 3 5 [illegible] 7 [illegible] 1980 [illegible]
[illegible] 1985 [illegible] 8 4 [illegible] 1998 [illegible] 3 [illegible]
OPEP [illegible] 5,7 [illegible] 4,2 [illegible] 1986 [illegible] 1994
[illegible] 5,4 [illegible] 1991 [illegible] 2,8 [illegible]
[illegible] 1998 [illegible] (11,2) [illegible] (10,8) [illegible]
[illegible] (9,5) [illegible] (9,2) [illegible] 1997 [illegible]
[illegible] (9,9) [illegible] (2,0) [illegible]

---

[193] [illegible] OPEP [illegible]

[illegible] 5.2.2

[illegible] 1986 [illegible]

[illegible] 6.2.2

[illegible] OPEP [illegible] OPEP [illegible]

[illegible] 7.2.2

[illegible] OPEP [illegible] 1998 [illegible] 2000 [illegible] OPEP.

[illegible] 8.2.2

[illegible] 10 %5 [illegible] OPEP [illegible][154] [illegible]

---

154 [illegible] 21 [illegible] 152 [illegible]

: OPEP [illegible] - 3.2

[illegible]

: OPEP [illegible] - 3

[illegible] [135] OPEP [illegible]

[illegible] 1.3

[illegible]

[135] [illegible] OPEP ص 50 سنة 2002 العدد 28 [illegible] الواقع و التوجهات

[illegible] 13 [illegible] OPEP [illegible] 2001 [illegible] OPEP [illegible]
[illegible] OPEP [illegible] %6 [illegible] 400 [illegible]
.2020 [illegible] 2,5 [illegible] 2010 [illegible] 0 [illegible]

: [illegible] 2.3

[illegible] 7 [illegible]
[illegible] 68 [illegible]
[illegible]
[illegible] [195] [illegible]
[illegible] 3, [illegible] 500 [illegible] 2 [illegible]
[illegible] 2020 [illegible] 2010 [illegible]
[illegible]

[illegible] 3.3

[illegible] OPEP [illegible]
[illegible]
[illegible]
[illegible]
[illegible] (Brent [illegible]
.[illegible]

: [illegible] 4.3

[illegible] (2000 [illegible]) [illegible]
.[illegible] ,4 [illegible]

---

[195] [illegible] 1991 [illegible]
2 [illegible]
[illegible] 1999 [illegible]

: [illegible] 5.3

[illegible]

: [illegible] 6.3

[illegible] 2000 [illegible] 8.3 [illegible] 4 [illegible] 8 [illegible] 40 [illegible] 5

[illegible] 7.3

[illegible] 7 [illegible] 2000 [illegible] 7 [illegible] 8 [illegible] 15 [illegible]

[illegible] -4

[illegible]

1. [illegible] OPEP [illegible]

2. [illegible] 00 [illegible] %2 [illegible] NAFTA [illegible]

3. [illegible] 1988 [illegible]

4. [illegible] OPEP [illegible] %6 [illegible]

5. [illegible][197] [illegible] OPEP [illegible] OPEP [illegible] 1999 [illegible] OPEP [illegible] OPEP [illegible]

[197] 61-62-63 [illegible] 22 [illegible]

[illegible]

[illegible]

[illegible] 1-

[illegible] 1.1

[illegible][190] [illegible] (10/8 [illegible]) [illegible] 1760 [illegible] 1925 [illegible] %83 [illegible] %25 [illegible]

[190] 194 [illegible] 1996 [illegible]



احتياطى الفحم الحجرى فى العالم نهاية سنة ١٩٩٨
افريقيا* ٦٫٣٠ %
دول الاتحاد السوفيتي السابق* ٢٣٫٤٠ %
امريكا الشمالية* ٢٦ %
امريكا الجنوبية* ٢٫١٠ %
اسيا واستراليا* ٢٩٫٧٠ %
اوروبا* ١١٫٤٠ %

1. [illegible]

2. [illegible][202] [illegible]

3. [illegible]

4. [illegible]

5. [illegible]

6. [illegible][203]

7. [illegible]

[illegible] 2020 [illegible][204] [illegible]

[202] [illegible] 1986 [illegible]

[203] 45 [illegible] 42 [illegible]

[204] [illegible]

[illegible] 1991 [illegible] 8 /3 [illegible]

(%) [illegible]	[illegible]
72,8	[illegible]
32	[illegible]
23,8	[illegible]
20,7	[illegible]
16,4	[illegible]
8,1	[illegible]
0	[illegible]

41 [illegible]

[illegible] 2

[illegible] [205] [illegible]

[illegible] 1.2

[illegible] 2 [illegible]

[205] 31 [illegible] 2002 [illegible] 384 [illegible]

[illegible] - 2.2

[illegible] 7 [illegible] 15 [illegible] 1882 [illegible] 4 [illegible] 50 [illegible]

[illegible] - 3.2

[illegible]

[illegible] - 4.2

[illegible] 21 [illegible] 2004 [illegible] 2010 [illegible] 21 [illegible]

[illegible] - 5.2

[illegible] 50 [illegible] 9 [illegible]

[illegible] 6% [illegible]
[illegible] .

6.2 [illegible] Biomass :

[illegible]
[illegible] [206] [illegible]
[207] [illegible]

3 [illegible] :

[illegible] [208] [illegible] 1952 [illegible] 1945 [illegible] 33 [illegible] 3.5% [illegible] .

[illegible]

1.4 [illegible] :

[illegible]

---

[206] [illegible]

[207] 14 [illegible]

[208] 23 [illegible] 2000 [illegible]

[illegible] [209] [illegible]

[illegible] 2.4

[illegible] 40-30 [illegible] %10 [illegible]

[illegible] [210] [illegible] %95 [illegible] 2020 [illegible]

[illegible]

[209] [illegible]

[210] [illegible] 2000 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] GATT [illegible] 1995 [illegible] 1000 [illegible] 50 [illegible] 40 [illegible]

[illegible]

[illegible]

[illegible] 1

[illegible] [211] [illegible]

[211] [illegible] 2003 [illegible]
18 U7 16

[illegible] 1.1

[illegible] 2000 [illegible] 200 [illegible] 2000 [illegible] 32 [illegible] %2.2 [illegible]

[illegible] 2.1

[illegible] 98 [illegible] 2000 [illegible] %3 [illegible] [12] [illegible] 13 [illegible] %70 [illegible] 28 [illegible] 2000 [illegible] 61 [illegible] 10 [illegible] 18 [illegible] 1999 [illegible]

[illegible] 154 [illegible] 2000 [illegible] %8 [illegible] 2 [illegible] 4 [illegible] %92 [illegible] .2001 [illegible] 11 [illegible]

[12] [illegible]

[illegible] 1.3

[illegible] 5 [illegible] 2000 1985 [illegible] 500 [illegible] 200 [illegible] 400 [illegible]

[illegible] 4.1

[illegible] 1% [illegible] 2 [illegible] 22 [illegible] 5 [illegible] 10 [illegible]

[illegible] 5.1

[illegible] 2 [illegible] 2 [illegible] 20 [illegible] 20 [illegible] 5 [illegible]

[illegible] 6.1

[illegible] 2,4% [illegible] 80 [illegible] 2 [illegible] 20 - 10 [illegible]

[illegible]

[illegible][213] [illegible]

[illegible] 2.2

[illegible] 1945 [illegible]

[illegible]

[illegible] 2.2

[illegible] 1950 [illegible]

[illegible] Transit [illegible] 3.2

[1] 2000 [illegible] 94 [illegible] 26 [illegible]
16 [illegible] 11 [illegible]

[illegible] 1953 [illegible]
[illegible]

[illegible] -4.2

[illegible] 1963 [illegible]
[illegible] 1964 [illegible] 1953 [illegible]
[illegible] 4 [illegible]
.1975 [illegible]

[illegible] 5.2

[illegible] (1980) [illegible]
[illegible]
. [illegible]

[illegible] -6.2

[illegible] 1981 [illegible]
[illegible] 1983 [illegible]

[illegible] 2

[illegible] 3

[illegible] 1997 [illegible] 5 [illegible]
[illegible] 14 [illegible] 1981 [illegible]
[illegible] 94,5 [illegible] 8,7 [illegible]

: [illegible] 2.3

[illegible]
[illegible]

: [illegible] 1.2.3

[illegible] [214] [illegible] %59 [illegible].

[214] 11 [illegible] 2001 [illegible]

[illegible] 2.2.3

[illegible] [215] [illegible]

[illegible]

[illegible] 3.2.3

[illegible]

---

[215] [illegible]

[illegible]

[illegible]

[illegible]

: [illegible] 1

[illegible] (1980 [illegible]

[illegible][216] [illegible]

[216] [illegible] 1995 [illegible]

[illegible] 2

:[illegible] 1.2

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]
10. [illegible]

:[illegible] 2.2

[illegible]

[illegible]

[illegible] : 1.3

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] : 2.3

[illegible]

[illegible]

[illegible] 3.3

[illegible]

[illegible] 4.3

[illegible][217] [illegible] 31 [illegible]

[illegible] 1.4.3

[illegible]

[217] [illegible]

3.4.2 - [illegible] :

[illegible]

[illegible]

[illegible]

3.4.3 - [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

3.4.4 - [illegible] :

[illegible]

3.4.5 - [illegible] :

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
77,0	85,0	33,4	28,0	[illegible]
82,0	74,7	90,0	59,7	[illegible]
86,0	57,7	92,4	59,3	[illegible]
94,0	77,4	65,0	64,0	[illegible]
91,2	87,8	99,7	65,8	[illegible]
96,0	65,7	94,0	57,7	[illegible]

[illegible]

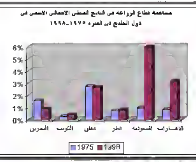
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]

[illegible] 1998 [illegible] 1997 [illegible] 1999 [illegible]

1970 [illegible] - 2.1

: [illegible] 1.2.1

[illegible] 98-75 [illegible] %6 [illegible] 1995 [illegible] %1 [illegible] %3,17 [illegible] %0,8 [illegible] 1993


مساهمة قطاع الزراعة في الناتج المحلي الإجمالي الاسمي في
دول الخليج في الفترة ١٩٧٥-١٩٩٨
6%
5%
4%
3%
2%
1%
0%
البحرين
الكويت
عمان
قطر
السعودية
الامارات
1975
1998

[illegible] -D

[illegible] -Y

[illegible] -W

[illegible] -B

[illegible] 2

[illegible] 1.2

[illegible] [220] [illegible] %25 [illegible] %7 [illegible] %20 [illegible] %16 [illegible] %92 [illegible]

106 [illegible] 2002 [illegible] 100 [illegible] 2001 [illegible]

[220] [illegible] 2001 [illegible]

116 [illegible] 2002 [illegible] 100 [illegible]

[illegible] 10/3 [illegible]

(%)

[illegible]	2000	1995	
42,0	29,9	28.2	[illegible]
7,8	16,9	13.8	[illegible]
1,4	3,9	4.3	[illegible]
1,3-	20.0	26.0	[illegible]
6,2	13.0	11.6	[illegible]
6.0	5,4	4,8	[illegible]
11,8	2,7	2,0	[illegible]
1,2	8,2	9,3	[illegible]
3,6	**100,00**	**100,00**	**[illegible]**

116 [illegible] 2002 [illegible] 100 [illegible] 18 [illegible]

[illegible]

[illegible]

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]

[illegible]

[illegible]

- [illegible]

2.2 [illegible]

[illegible] 1991 [illegible]

[illegible] 48% [illegible] 32,3% [illegible] 1970/1969 [illegible] 18,9% [illegible] 56% [illegible] 17,6% [illegible] 1970/1969 [illegible] 29% [illegible] 2000/1999 [illegible] 2000/1999 [illegible]

[illegible] 3/11 [illegible] %

[illegible]	70/69	1975	81/80	85/84	90/89	95/94	2000/99
[illegible]	51,98	55,65	55,93	48,88	48,88	49,08	50,16
[illegible]	18,95	22,32	26,20	30,32	32,60	32,59	32,26
[illegible]	29,07	22,03	17,88	20,80	19,34	18,33	17,58

[illegible] 18 [illegible] 100 [illegible] 2002 [illegible] 118

[illegible] 17% [illegible] 20% [illegible] 28% [illegible]

[221] [illegible] 2001 [illegible] 100 [illegible] 2002 [illegible] 118

[illegible] %18 [illegible] %15 [illegible] %17 [illegible]
[illegible] %45 [illegible] %55 [illegible] 70 [illegible]
[illegible] %17 [illegible]
[illegible] %30
[illegible]
[illegible] %21 [illegible] %36 [illegible]
[illegible]

[illegible] 3.2

[illegible]
[illegible] %7,2 [illegible]
[illegible] 1985 1976 [illegible]
[illegible]
[illegible]

[illegible] 1989 [illegible]
[illegible] 1994 [illegible] 1992 [illegible]
[illegible]
[illegible] %13,5 [illegible] 1994 [illegible] % 17,5 [illegible]
[illegible] 2000

- [illegible] 1997 [illegible]
- [illegible] 1997 [illegible]
- [illegible] 2000 [illegible]

[illegible] 2000 [illegible]
[illegible] 1997 [illegible] 50 [illegible]
-1976 [illegible] %13,8 [illegible]
[illegible] 2000-1996 [illegible] %25,8 [illegible] 1985

[illegible] 2/3 [illegible] (%)

2000-96	95-1991	90-1986	85-1981	80-1976	[illegible]
4,3	6,2	3,5	4,3	3,3	[illegible]
25,8	25,3	25,3	21,0	12,6	[illegible]
69,9	88,6	71,3	74,7	93,9	[illegible]
3,1	6,1	1,4-	5,3	14,7	[illegible]
1,0	1,2	10,6	1,0	21,3	[illegible]
1,4	8,1	4,4-	9,3	26,6	[illegible]
4,6	5,8	2,1-	4,3	12,3	[illegible]

[illegible] 18 [illegible] 2002 [illegible] 122 [illegible]

[illegible]

[illegible]

.[illegible] %20,6 [illegible]

.2000 [illegible] %17,6 [illegible]

[illegible] %94,5 [illegible] %70 [illegible] 2000-1996 [illegible] 1980-1976 [illegible] %5,8 [illegible] 2000 [illegible] %20 [illegible][222] [illegible] 2000 [illegible]

[illegible][223] [illegible]

[illegible]

[222] [illegible]

[223] [illegible] 2001 [illegible] 123 [illegible] 2002 [illegible] 100 [illegible]

[illegible] %30 [illegible] %25 [illegible] 2000.

4.2 [illegible]:

[illegible] %61 [illegible] %13,2 [illegible] %38 [illegible] 1,1 [illegible] %39 [illegible] 21 [illegible] %80 [illegible] %23 [illegible]

[illegible] 2000 [illegible]

- [illegible] %55,5 [illegible] 1960 [illegible] %39,5 [illegible] 1998.
- [illegible] %13,5 [illegible] 1960 [illegible] %16,5 [illegible] 1998.
- [illegible] %31,1 [illegible] 1960 [illegible] %51 [illegible] 987 [illegible] %43 [illegible] 1993.

[illegible] 25 [illegible] (2000 1975)[224] [illegible] %55 [illegible] 2000 [illegible] 1989 [illegible] 21 [illegible] 22 [illegible][225] [illegible] 1999 [illegible] 2005 [illegible] %6,4 [illegible] 2000 [illegible] %4 [illegible] %35,4 [illegible]

[224] [illegible] 125 [illegible] 2002 [illegible] 100 [illegible]

[225] [illegible]

[illegible]

[illegible]

1986 [illegible] 1983 [illegible][226] [illegible] .13/3 [illegible]

[226] [illegible] 2002 [illegible] 100 [illegible] 126 [illegible]

[illegible] 13/3 : [illegible] (%) 1970 - 1999

[illegible]	[illegible]	[illegible]	
53,08	54 97	42 48	1974 - 1970
69,06	69,77	51,60	1979 - 1975
83,15	59 40	52,59	1984 - 1980
76 81	40 86	53,33	1989 - 1985
94 16	48 38	58 88	1990
85,69	52,72	53,87	1991
86 00	49 19	56 86	1992
88,41	44,92	58,13	1993
92,73	51,49	55,79	1994
93,38	57,90	61,50	1995
85,78	54 12	55,93	1996
90 35	52,86	60,26	1997
88 52	47,35	59,99	1998
86,02	52,11	64 29	1999

[illegible] 100 [illegible] 2002 [illegible] 127

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] %70 [illegible] OPEP [illegible] 1983 [illegible] (2003 - 1973) [illegible]

- [illegible] OPEP [illegible] OPEP [illegible]

- [illegible] "RECYCLAGE" [illegible]

- [illegible]

[illegible] 1986 [illegible] OPEP
[illegible]

- [illegible] 1998 [illegible]

- [illegible] 2001 [illegible]

- [illegible] OPEP [illegible]

- [illegible] OMC [illegible]

[illegible]

- [illegible]

- [illegible] OPEP [illegible] OPEP [illegible]

- [illegible]

[illegible] OPEP [illegible] 1960 [illegible] OPEP [illegible]

[illegible]

Greenhouse effect [illegible]

[illegible]

Greenhouse gases [illegible]

[illegible]

[illegible] 10 [illegible]
[illegible] 1992 [illegible] 7 [illegible] 12 [illegible]
[illegible]
. 1999 [illegible]

[illegible] 25 : [illegible]

- [illegible] 2004 [illegible]
[illegible]
- [illegible] 1957 [illegible]
- [illegible] 1973 [illegible]
[illegible]
[illegible] 2007 [illegible]
[illegible]

: [illegible] 11 : OPEP [illegible]

[illegible]
.[illegible] 1995 [illegible] 1993 [illegible]

.[illegible] 10 : OPAEP [illegible]

.[illegible]

: OMC [illegible]

[illegible]
OMC [illegible]
[illegible] OMC [illegible] 1947 [illegible] Gatt [illegible]
.[illegible]

Cartel

Accord entre vendeurs d'un meme produit en vue d'en soutenir ou d'en accoitre le prix ou dans le méme but d'en restreindre les quantités proposees sur le morche.

Prix :

Valeurs De Biens Et De Services S'expriment En Unites Monetaire

: SPOT [illegible]

[illegible]

: [illegible]

[illegible]

: [illegible]

[illegible] 1880 [illegible]

: [illegible]

[illegible]

: [illegible]

[illegible]

Āf Ĕǯk

[illegible]

[illegible]

1989	1988	
		[illegible]
1173	1156	[illegible]
1235	853	[illegible]
707	738	[illegible]
445	986	[illegible]
481	445	[illegible]
491	406	[illegible]
373	489	[illegible]
372	205	[illegible]
		[illegible]*
2408	1605	[illegible]
1658	1602	[illegible]
1649	1441	[illegible]
1214	828	[illegible]
856	786	[illegible]
674	996	[illegible]
656	410	[illegible]

*[illegible]

32 [illegible] 1991 [illegible]

الملحق رقم 2: التحويلات الرسمية للعاملين في الخارج دولهم في الدول العربية الاخرى لسنوات مختارة والقيمة الإجمالية (1974-1992)

(ملايين دولار)

	1974	1982	1989	1992
[illegible]	75	1082	627	844
[illegible]	5	132	417	134
[illegible]	45	411	430	550
[illegible]	268	2431	3293	6104
[illegible]	[illegible]	[illegible]	150	[illegible]
[illegible]	[illegible]	[illegible]	146	[illegible]
[illegible]	177	1591	438	[illegible]
[illegible]	570	5647	5501	7622

[illegible] 1974 1996 [illegible]

[illegible] 2000 [illegible] 353 [illegible] 2000 [illegible] 7.

الملحق رقم 3: رؤوس الاموال وعمليات مؤسسات وصناديق التنمية العربية

[illegible]

	[illegible]	[illegible]	[illegible] 1996 [illegible]
[illegible]			
[illegible]	1962	8557	9.5
[illegible]	1974	844	1.8
[illegible]	1975	8267	6.3
[illegible]			
[illegible]	1974	4778	8.6
[illegible]	1975	1670	1.4
[illegible]	1975	3118	11.2
[illegible]	1977	2219	3.1
OPEP [illegible]	1976	4041	3.1
[illegible]		34363	45.1

[illegible] 2000 [illegible] 353 [illegible] 5

[illegible]

[illegible]	[illegible]
108	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
94	[illegible]
95	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
94	[illegible]
110	[illegible]
93	[illegible]
93	[illegible]
94	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
100	[illegible]
101	[illegible]
94	[illegible]
93	[illegible]
93	[illegible]
100	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
93	[illegible]
100	[illegible]
93	[illegible]
93	[illegible]

185 186 [illegible]

1997 [illegible]

[illegible]	[illegible] %	[illegible] %	[illegible] %	
1564	6	21	59	[illegible]
789	5.9	29.7	55	[illegible]
775	6.2	12.6	62.5	[illegible]
3500	18	10	50	[illegible]
5398	4.8	33	48	1993 [illegible]
2085	18.1	15.8	50	[illegible]
1572	12	23	41.5	1995 [illegible]
2134	21	40	39	[illegible]
1765	21	41	38	[illegible]
152	20	11.5	68.5	[illegible]

1998 FMI : [illegible]

Port des Pays du Golfe dans les Importations Petrolières Americaines % : 6 [illegible]

Annee	%	Année	%	Annee	%	Annee	%
1972	4.0	1977	15.7	1982	10.8	1987	11.2
1973	7.8	1978	13.7	1983	6.7	1988	14.4
1974	7.5	1979	16.0	1984	6.0	1989	23.3
1975	11.8	1980	12.3	1985	3.3	1990	25.0
1976	16.9	1981	12.8	1986	11.0	1991	23.9

Source Louis blin, Le petrole du golf guere et paix au moyen orient, maison neuve et larose paris 1996

[illegible]

[illegible]

[illegible] -1

- [illegible] 1988
- [illegible] 1992
- [illegible] 1979
- [illegible] 1968
- [illegible] 2000
- [illegible] 1986
- [illegible] 1998
- [illegible] . 1998
- [illegible] .1983
- [illegible] 1982
- [illegible] UOPEP [illegible] 1983
- [illegible] 1985-1960 [illegible] 1987 [illegible]
- 1998 [illegible] 1 [illegible]
- [illegible] 2000 [illegible]
- 1991 [illegible] 1 [illegible]
- [illegible] 1998 [illegible]
- 1996 [illegible]
- 1988 [illegible]

- [illegible]
  [illegible] 1998.
- 1995 [illegible]
- [illegible] 1996.
- 1999 [illegible]
- 1989 [illegible] 2 [illegible] OPAEP [illegible]
- 1996 [illegible] 3 [illegible] OPAEP [illegible]

2- [illegible]

- [illegible]
  1996 [illegible]
- [illegible]
  2002/2001 [illegible] 1998-1973 [illegible]

3- [illegible]

- 2000 [illegible] 65 [illegible]
- [illegible] 46 [illegible] 2002
- [illegible]
  2001 [illegible] 145 [illegible]
  2002 [illegible]
  2003 [illegible] 38 [illegible] 54- [illegible] 52- [illegible] 151 [illegible]
- [illegible]
  1998 [illegible] 330 [illegible]
  1999 [illegible] 341 [illegible]
  2001 [illegible] 372 [illegible] 370- [illegible] 366- [illegible] 364 [illegible]
  2000 [illegible] 385 - [illegible] 383 [illegible]
  2003 [illegible] 398 [illegible]

- KöǂǂƒUOPAEP ƗdǂǂÿŹ: ÕǂǂƒLÀǂǂÀÙǂƒ
1989 Ɨǂ U12 ǂǂǂ U4À3 ǂǂ
1989 Ɨǂ 15 ǂǂǂ U55ÁS4 Lǂǂǂ
1987 Ɨǂ 13ǂǂǂ 1 ǂǂ
1978 Ɨǂ 4ǂǂǂ 4 ǂǂ
1988 Ɨǂ 14ǂǂǂ 51 ǂǂ
2002 Ɨǂ 28 ǂǂǂ 102 À100 Lǂǂǂ
1993 Ɨǂ 18 ǂǂǂ 67 ǂǂ
1999 Ɨǂ 25 ǂǂǂ 39 ǂǂ
2000 Ɨǂ 26 ǂǂǂ 94 ǂǂ
1996 Ɨǂ 22 ǂǂǂ 35 ǂǂ
- 1977 Ɨǂ KöǂǂƒUOPAEPƗdǂǂǂ ǂǂǂ :ǂǂÀýÁǂǂƗǂǂ KǂǂǂD
- ǂǂUΣ ǂǂ2001 Σ ǂǂ20 ǂǂ ǂǂ
- 1998 KÁD1312 ǂǂ : yǂǂ
- 1997 ǂǂǂ 49 ǂǂ ǂǂÀǂǂ ÀDǂǂŽ
- 2000 ǂǂǂ 1ǂǂ Àýǂǂ
- 1996 Σ ǂǂ Ɨǂǂ Àýǂǂ
- 2000 ǂǂǂL100 ǂǂ Uǂ ÁǂLÀǂT
- 2000 ǂ ǂǂ ǂǂ Uǂ ÁǂLÀǂT
- ǂǂ ǂ Σǂ ǂǂyÀǂǂYǂǂ: ýÀǂǂ
2000 ǂǂD
2001 ǂ ǂǂUÓǂǂ 2À1 Lǂǂǂ 38 ǂǂǂ
2002 KÀDUƗǂǂ 8 À7 Lǂǂǂ 39 ǂǂǂ
- ǂǂƗǂǂǂKǂǂǂDǂǂ ǂǂǂ: ÕǂǂǂÁýÀǂǂ
1979 Õǂǂ 1 ǂǂ
1981 ýǂǂ
1985 Ɨǂ ǂǂǂ ǂǂǂ- KÀD Ɨǂǂ Σ ǂǂz
1986 Ɨǂ ǂ ǂǂΣ ǂǂ- Õǂǂ
1988 Σ ǂǂz
1991 ǂǂD- Σ ǂǂz
1992 ǂǂǂ

1996 [illegible]

1997 [illegible]

1998 [illegible]

1999 [illegible]

2000 [illegible]

2001 [illegible]

- 2001 [illegible] 10 [illegible] OPAEP [illegible]
- 1994 [illegible] FM1 [illegible]
- 1996 [illegible] FM1 [illegible]

[illegible] - 4

- [illegible] 1990 [illegible]
- 1992 [illegible]
- 2000 [illegible] OPAEP [illegible] 1999 [illegible] 26 [illegible]
- 1999 [illegible]

[illegible] - 5

- 1998 [illegible] 3-10 [illegible] 1998 [illegible] 3 [illegible] OPAEP [illegible]
- [illegible] OPAEP [illegible] 15-10 [illegible] 16 [illegible] 1999 [illegible]
- 1999 [illegible] 6-15 [illegible]

[illegible]

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